BT LAB
Bioassay Technology Laboratory
Optimize Your Research

GAP-43(Phospho Ser41) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09387
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GAP43 around the phosphorylation site of Ser41. AA range:8-57
Mol wt	24803
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Neuromodulin
Synonyms	Neuromodulin; GAP43; Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene has been termed a 'growth' or 'plasticity' protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration. This protein is considered a crucial component of an effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Recommended Dilution

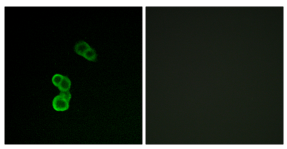
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunofluorescence analysis of MCF-7 cells, using GAP43 (Phospho-Ser41) Antibody. The picture on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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